

**Opening Date:** October 10, 2019  
**Closing Date:** Closed Until Closed  
**Work Location:** Austin, Texas  
**Posting Number:** 20-07  
**Monthly Salary:** \$3,520.34-\$4,170.16\*  
**Group/Class:** B19/2460  
**Travel %:** 75%  
**Division/Department:** WSC/SW  
**Number of Positions:** 2

\*Salary commensurate with experience and qualifications

# **JOB VACANCY NOTICE**

## **TexMesonet Field Meteorologist (Hydrologist II)**

*Texas Water Development Board, Stephen F. Austin Building  
1700 North Congress Ave., Room 670, Austin, Texas 78701  
Please contact Human Resources for accommodation requests.  
Phone: (512) 475-2142  
Apply at: Work in Texas [www.workintexas.com](http://www.workintexas.com) OR  
[HR@twdb.texas.gov](mailto:HR@twdb.texas.gov)*

### **Veteran's Preference**

Veterans, Reservists or Guardsmen with an MOS or additional duties that fall in the fields of 680X LDO - Meteorology/ Oceanography, OAR15 Marine Environmental Response, 6802 Meteorology and Oceanography Officer, 9S100 Scientific Applications Specialist or other related fields pertaining to the minimum experience requirements may meet the minimum qualifications for this position and are highly encouraged to apply.

Additional Military Crosswalk information can be accessed at

[http://www.hr.sao.texas.gov/Compensation/MilitaryCrosswalk/MOSC\\_NaturalResources.pdf](http://www.hr.sao.texas.gov/Compensation/MilitaryCrosswalk/MOSC_NaturalResources.pdf)

### **Job Description Summary**

Performs complex (journey-level) hydrological, meteorological, and earth science work and provides technical and field support for the TexMesonet program, which operates and maintains a network of earth observations stations across Texas. Work involves construction, calibration, and maintenance of stations; coordination, preparation, and execution of fieldwork; use of Geographic Information System (GIS) applications to assist in site identification and prioritization; and developing working relationships with landowners, private contractors, university professors, and hardware vendors to facilitate station deployment and meteorological data collection. This job requires extensive travel. May train others. Works under general supervision, with limited latitude for the use of initiative and independent judgment. Reports to the Manager of the TexMesonet & Hydrosurvey Department within the Surface Water Division.

### **Essential Job Functions**

- Constructs, calibrates, and maintains earth observation stations.
- Assists in coordinating installation and maintenance field work, including scheduling, preparing, and executing field trips relating to the production, deployment, and maintenance of earth observation stations.
- Performs routine maintenance of capital equipment, including trucks and trailers.
- Develops and ensures field safety procedures are followed.
- Maintains TexMesonet station database.
- Provides LoggerNet and datalogger support.
- Provides geographic analysis and cartographic support, including line-of-sight maps for proposed earth observation stations.
- Assists in preparing equipment for site installations.
- Maintains and prepares records and reports and assists with presenting technical evaluations and plans.
- Maintains confidential and sensitive information.

Female and minority applicants are encouraged to apply.

Males born on or after January 1, 1960, will be required to present proof of Selective Service registration on the first day of employment or proof of exemption from Selective Service registration requirement. All offers of employment are contingent upon the candidate having legal authorization to work in the United States. Failure to present such authorization within the time specified by the U.S. Department of Labor will result in the offer being rescinded. Candidates must be eligible to work in the United States without requiring sponsorship. Only applicants interviewed will be notified of their selection or non-selection. Resumes will not be accepted in place of a completed State of Texas application unless indicated.

The Texas Water Development Board does not discriminate on basis of race, color, national origin, sex, religion, age, or disability in employment or provision of services, programs, or activities. Please visit TWDB Career Page: <http://www.twdb.texas.gov/jobs/> for more information.

TWDB participates in E-Verify! Information from each new employee's Form I-9 will be provided to the Social Security Administration (SSA) and, if necessary, the Department of Homeland Security (DHS) to confirm work authorization.



The TWDB is in compliance with the Americans with Disabilities Act and makes reasonable accommodations for applicants and employees with disabilities. If a reasonable accommodation is needed to participate in the job application or interview process, to perform essential job functions, and/or to receive other benefits of employment, please contact the Human Resources Division for assistance at (512) 475-2142. Deaf and hard of hearing applicants may contact our office via Relay Texas at 1-800-735-2989 (TTY/TDD).

## Job Vacancy Notice (cont.)

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- Ensures individual and team files (electronic and hard versions) are appropriately maintained and timely disposed of in accordance with the agency's records retention procedures and schedule.
- Maintains required certifications and licenses and meets the continuing education needs and requirements of the position to include, attending mandatory training courses.
- May be required to operate a state or personal vehicle for business purposes, including the transport of trailers and equipment.
- Performs other duties as assigned.

### **Minimum Qualifications**

- Graduation from an accredited four-year college or university with coursework in Atmospheric Sciences, Water Resources, or a related field.
- Three to five year of work experience in meteorology, atmospheric sciences, water resources or a related field.
- One year of work experience in fieldwork involving meteorology or water resources.
- Relevant education and experience may be substituted on a year-for-year basis.

### **Preferred Qualifications**

- Experience in designing and installing electronic instrumentation systems.
- Experience in Geographic Information Systems.

### **Knowledge, Skills, and Abilities (KSAs)**

- Knowledge of local, state, and federal laws and regulations relevant to the TexMesonet & Hydrosurvey department and of the principles and practices of public administration.
- Knowledge of meteorology or atmospheric sciences.
- Knowledge of mesonets or earth observation station networks.
- Knowledge of electronic instrumentation and communications systems.
- Knowledge of applicable field safety procedures.
- Skills in using Microsoft Office programs such as Word, Excel, and Access.
- Skills in use of internet, email, word processing, spreadsheet, presentation, and database software.
- Skills in cartography, GIS software, and other design software.
- Skills in collecting and assessing hydrological data.
- Skills in using logic and reason to identify the strengths and weaknesses of alternative solutions, conclusions, or approaches to problems.
- Skills in diagnosing and repairing electronic instrumentation and communications systems.
- Ability to adhere to work schedules, follow procedures with respect to leave and submit accurate timesheets by prescribed deadlines.
- Ability to make mature, objective decisions and identify areas of potential problems.
- Ability to perform effectively and willingly when changes occur in scope and nature of the work and work environment.
- Ability to perform routine and non-routine work assignments accurately and on-time with little or no supervision.
- Ability to perform assigned duties and improve work habits and/or output.
- Ability to complete assigned work, on time, neatly and with infrequent errors.
- Ability to interpret policies, procedures, and regulations.
- Ability to provide prompt, courteous and accurate assistance and clear and concise communication to internal and external stakeholders both verbally and in writing.
- Ability to work and cooperate with others in a team environment.
- Ability to manage multiple tasks.

## Job Vacancy Notice (cont.)

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- Ability to stand/sit/move with no physical limitations or aids to perform activities such as retrieve/replace files in a large file system for boxes up to 50 lbs.
- Ability and willingness to travel 75% of the time, primarily within the State of Texas.
- Ability to operate a vehicle (state or personal) for state business and maintain a driver's license and driving record that complies with state and agency requirements.
- Ability to work days that may exceed 8 hours, including early mornings, nights, and weekends.
- Ability to work outdoors, possibly during inclement weather or under hot/cold temperatures.
- Ability to train others.
- Ability to haul trailers up to 20' in length.
- Ability to fabricate specialized equipment for field work applications.
- Ability to plan and coordinate projects.
- Ability to maintain shared databases.

### **Remarks**

- Copy of required academic transcripts and/or licensures and driving record must be submitted at the time of hire. Failure to provide required documentation will result in no further consideration for employment.
- Important Notice: Otherwise qualified candidates who are ultimately considered for potential employment with the Texas Water Development Board may be the subject of a request for any criminal history record information maintained by the Texas Department of Public Safety (DPS). Evidence of a criminal conviction or other relevant information obtained from the DPS shall not automatically disqualify an individual from employment with the Texas Water Development Board.